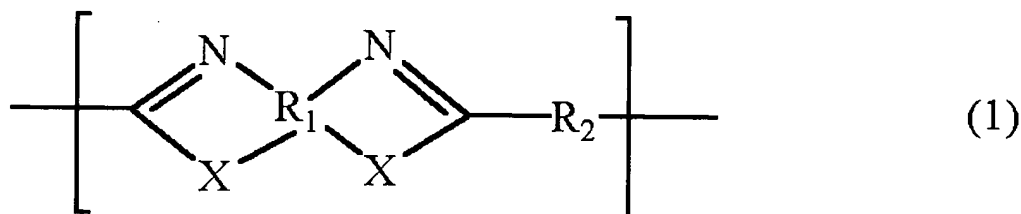


Listing of Claims

The following listing of claims replaces all prior versions and listings of claims in the application.

1 (original): An optical resin comprising a poly(benzoxazole) having repeating units represented by the following general formula (1) as a constituent:



wherein R_1 represents a tetravalent organic group having an aromatic ring, N and X in each of the two sets thereof are linked to two atoms at the ortho-position on the aromatic ring of R_1 to form a 5-membered ring, R_2 represents a divalent organic group and X represents an oxygen atom or a sulfur atom.

2 (original): The optical resin of claim 1, wherein it comprises, as a constituent, a poly(benzoxazole) having repeating units represented by the general formula (1) in which X represents an oxygen atom.

3 (original): The optical resin of claim 2, wherein the poly(benzoxazole) is a fluorine-containing poly(benzoxazole).

4 (original): The optical resin of claim 3, wherein the fluorine-containing poly(benzoxazole) is a product obtained by a reaction of at least one bis(aminophenol) derivative with at least one dicarboxylic acid derivative; at least one member selected from the group consisting of the foregoing at least one bis(aminophenol) derivative and the foregoing at least one dicarboxylic acid derivative is a fluorine-containing derivative and at least one member selected from the foregoing group is a fluorine-free derivative.

5 (original): The optical resin of claim 4, wherein the fluorine-containing bis(aminophenol) derivative is a trifluoromethyl group-containing bis(aminophenol) derivative and the fluorine-containing dicarboxylic acid derivative is a trifluoromethyl group-containing dicarboxylic acid derivative.

6 (original): The optical resin of claim 1, wherein it comprises, as a constituent, a poly(benzothiazole) having repeating units represented by the general formula (1) in which X represents a sulfur atom.

7 (original): The optical resin as set forth in any one of claims 1 to 6, wherein the number of the repeating units represented by the general formula (1) ranges from 1 to 500.

8 (currently amended): The optical resin as set forth in any one of claims 1 to ~~[[7]]~~ 6, wherein the optical transmission factors as determined using light rays having wavelengths of 1300 nm and 1550 nm are not less than 80%.

9 (currently amended): The optical resin as set forth in any one of claims 1 to [[7]] 6, wherein the refractive indexes as determined using light rays having wavelengths of 1300 nm and 1550 nm range from 1.45 to 1.75.

10 (currently amended): The optical resin as set forth in any one of claims 1 to [[7]] 6, wherein the rates of birefringence as determined using light rays having wavelengths of 1300 nm and 1550 nm are not more than 0.008.

11 (currently amended): An optical waveguide prepared using the optical resin as set forth in any one of claims 1 to [[10]] 6.

12 (currently amended): An optical filter prepared using the optical resin as set forth in any one of claims 1 to [[10]] 6.

13 (currently amended): An optical lens prepared using the optical resin as set forth in any one of claims 1 to [[10]] 6.